

Cooperative State
Research, Education and
Extension Service
and Land-Grant University
Cooperating Extension Service

# Annual 4-H Youth Development Enrollment Report 2001 Fiscal Year





# 4-H Facts in Brief - 2001

4-H is the Cooperative Extension System's dynamic, non-formal educational program for today's young people. The program combines the cooperative efforts of youth, volunteer leaders, state land-grant universities, state-local governments, and the Cooperative State Research, Education, and Extension Service of the U.S. Department of Agriculture. The mission of the Cooperative Extension System in conducting 4-H programs is to assist youth in developing knowledge, skills, and attitudes that will enable them to become self-directing, productive, and contributing members of society.

4-H programs are conducted in 3,150 counties of the United States, the District of Columbia, Puerto Rico, Virgin Islands, Guam, American Samoa, Micronesia, and Northern Mariana Islands.

4-H alumni (enrolled participants in 4-H since its beginning) now total about 60 million.

4-H-type programs are truly international with some 82 countries having similar programs that enroll approximately 4 million youth.

4-H has a 100-year tradition of voluntary action for the public-private partnerships at federal, state, county, and community levels. These partnerships reflect broadly both fiscal and human resources. Private sector partners invest almost \$100 million annually in 4-H, through their local and state 4-H foundations and the National 4-H Council.

# **YOUTH IN 4-H**

**6,752,148** youth, principally K-12 grades, participated in 4-H last year (total youth in 4-H with duplications eliminated).

# In 2001, youth participated in 4-H in the following ways:

**1,634,039** were members of **99,188** 4-H clubs

**2,401,705** were members of **116,530** 4-H special interest groups

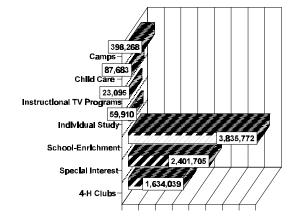
**3,835,772** were in **198,382** 4-H school-enrichment

**59,910** were in 4-H individual study programs

**23,095** enrolled in 4-H instructional TV programs

**87,683** were in **6,627** school-aged child care programs

**398,268** attended 4-H-conducted camps



# RACE AND ETHNICITY

**71%** (**4,773,580**) - white, not of Hispanic origin

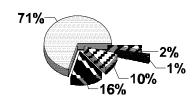
**16%** (**1,058,872**) - black, not of Hispanic origin

**10%** (**672,023**) - Hispanic

1% (95,755) - American Indian, Alaskan

**2%** (**151,792**) - Asian or Pacific Islander

Of the total number of youth in 4-H, 29% were from minority racial/ethnic groups.



\_\_\_ White

Black

Hispanic

American Indian, Alaskan

Asian, Pacific Islander

### **RESIDENCE**

# Of the 6,752,148 youth in 4-H last year:

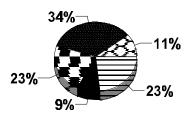
**11%** (**719,592**) - lived on farms

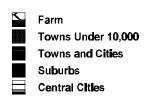
**34%** (2,325,237) - lived in towns under 10,000 and open country

**23%** (1,536,477) - lived in towns and cities of 10,000 to 50,000

**9%** (**604,044**) - lived in suburbs of cities of more than 50,000

**24%** (**1,566,798**) - lived in central cities 50,000 or larger





### **GENDER**

**52%** (**3,536,667**) - girls

48% (3,215,481) - boys

# **SCHOOL GRADE**

35% (2,323,518) - grades K-3

**40%** (2,631,982) - grades 4-6

**16%** (**1,064,304**) - grades 7-9

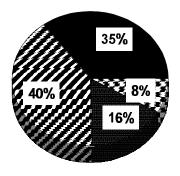
**8%** (**547,057**) - grades 10-12

670 (547,057) grades 10 12

**.6%** (39,185) - post high school

**1.4%** (**96,165**) - out of school

.7 % (49,937) - special (of any age)

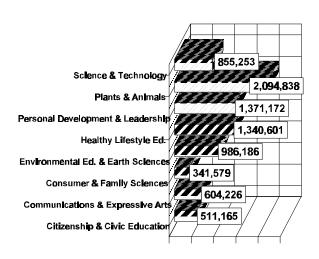




# **EDUCATIONAL CONTENT**

- 4-H participants may be enrolled in more than one project area in a given year. On average,
- 4-H Club members enrolled in 1.8 different areas.

511,165	Citizenship and
	Civic Education
604,286	Communications and
	Expressive Arts
341,579	Consumer and Family
	Sciences
986,186 I	Environmental Ed. & Earth
	Sciences
1,340,601	Healthy Lifestyle Ed.
1,371,172	Personal Development and
	Leadership
2,094,838	Plants and Animals
855,253	Science and Technology



# **VOLUNTEERS IN 4-H**

Volunteers are essential to the successful delivery of 4-H programs to youth. In 2000, there were **638,578** volunteer leaders working directly and indirectly with 4-H youth.

**495,152** 4-H adult leaders

**143,426** 4-H junior teen leaders

**576,831** Volunteers working directly with youth

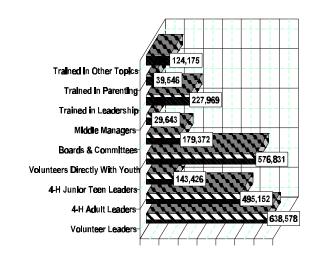
179,372 Boards and committees

**29,643** Middle managers working with youth and adult volunteers

**227,969** Volunteers trained in leadership

39,546 Volunteers trained in parenting

124,175 Volunteers trained in other topics



U.S. Department of Agriculture
Cooperative State Research, Education, and Extension Service
Families, 4-H & Nutrition
Stop 2225
1400 Independence Avenue, SW
Washington, DC 20250-2225

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Note: All Extension Youth Programs from 1862 or 1890 land grant universities should be included in this summary.	MALE	FEMALE	TOTAL	NO. 4-H UNITS
1. Youth members of organized 4-H Clubs.  An organized group of youth, led by an adult, with a planned program that is carried on throughout all or most of the year. 4-H Clubs may meet in any location and typically have elected officers and a set of rules approved by the membership to govern the club. Includes 4-H Clubs (which meet these criteria) in school age child care settings.	723,284	910,755	1,634,039	99,188
2. Youth participating in 4-H special interest/short-term programs/Day Camps.  Groups of youth meeting for a specific learning experience which involves direct teaching by Extension staff or trained volunteers, including teachers. Program not part of school curriculum and not restricted to members of 4-H clubs.	1,132,292	1,269,413	2,401,705	116,530
3. Youth participating in 4-H overnight camping programs.  Youth taking part in an Extension planned educational experience of group living in the out-of-doors which includes being away from home at least one night (resident, primitive or travel camping) and is not restricted to members of organized 4-H Clubs.  4. Youth participating in 4-H school enrichment programs.	161,435	236,815	398,268	13,005
Groups of youth receiving a sequence of learning experiences in cooperation with school officials during school hours, to support the school curriculum. Involves direct teaching by Extension staff or trained volunteers, including teachers.  5. Youth Participating in 4-H individual study/mentoring/family learning programs.	1,884,209	1,951,563	3,835,772	198,382
Planned learning which occurs independent of a formal group setting such as a club, as an individual, paired, or family learning effort. Self-directed, usually with limited adult involvement except for parents (or mentor). Examples include self-study, home study courses, mentoring or shadowing with an "expert", whole families learning together.	26,060	33,850	59,910	
6. Youth participating in School-Aged Child Care Education Programs.  Educational programs offered to youth outside of school hours, usually in a school or other community center and incorporating 4-H curricula. The primary purpose is to provide care for youth while parents are working or unavailable. (4-H Clubs in school and the parents are working or unavailable.)	38,895	48,788	87,683	6,627
age child care settings should be reported under "Organized 4-H`Clubs".) 7. Youth participating in Instructional TV/Video Programs. Youth offered learning experiences through Extension via broadcast or closed circuit television, including satellite transmission, or videotape replays of such series.	11,139		·	
8. TOTAL (With duplications included)  9. TOTAL (With duplications eliminated)		4,463,158 3,536,667		,

# 10. School Grade as of Jan. 1.

505,573
472,663
549,451
795,830
1,035,411
957,674
638,899
440,274
376,228
247,801
216,849
181,928
148,280
39,185
96,165
49,937
6,752,148

# 11. Place of Residence of 4-H Participants.

Farm: Use the U.S. Census definition for a farm which includes all persons living in rural territory on places from which \$1,000. or more of agricultural products were sold, or normally would have been sold, in the reporting year.	719,592
Towns under 10,000 and rural non-farm: Persons who live in towns under 10,000 population in rural non-farm and open country situations not reported as farm in above definition.	2,325,237
Towns and cities, with populations of 10,000 and up to 50,000, and their suburbs: Include participants who live within the immediately built up areas surrounding such towns and cities even though they might live somewhat beyond the immediate city limits.	1,536,477
Suburbs of cities over 50,000: Report the number of participants in the urbanized and contiguous suburbs and towns surrounding a city over 50,000. This category conforms to the urbanized portion of metropolitan rings included in standard metropolitan areas (SMSA's).	604,044
Central cities over 50,000: Report the participants living within the boundaries of metropolitan cities over 50,000 population. This category includes twin cities of standard metropolitan statistical areas (SMSA's).  * "Special" 4-H participants are mentally challenged persons over 19.	1,566,798
TOTAL:	6,752,148

(With duplications eliminated)

(With duplications eliminated)

### 12. Numbers of Youth Involved in Cooperative Extension System Initiatives, and Source of Program.

# 4-H Program Conducted By:

Cooperative	1862	Coalition,	1890	Coalition,	Coalition,	TOTAL
Extension	land grant	including	Iand grant	including	including	YOUTH
System National	university	1862 LGU	university	1890 LGU	1862 & 1890	BY
Initiative:					LGU	INITIATIVE
B. Food Safety and						
Quality	447,141	4,215	1,376	10	2,736	455,478
G. Healthy People  Healthy Communities						
nealtry Colimonites	619,210	8,159	15,750	0	19,560	662,679
I. Managing Change in						
Agriculture	315,390	5,147	218	0	3,873	324,628
J. Workforce						
Preparedness	229,356	712	1,934	0	1,782	233,784
K. Child Care						
	249,460	1,881	138	0	3,679	255,158
Z. Not Part of a						
Initative	8,162,661	33,317	42,033	5,087	911,595	9,154,693

61,449

5,097

943,225

11,086,420

# 13. Distribution of Racial-Ethnic Youth in integrated and non-integrated 4-H Units

53,431

TOTAL YOUTH BY PROGRAM SOURCE

10,023,218

	White, not	Black, not	American	Hispanic	Asian	TOTAL	TOTAL
	Hispanic	Hispanic	Alaskan		Pacific	TOUIR	ONIIS
<b>Youth in integrated 4-III units</b> A# Youth	4 549 909	4 420 049	109 420	660 447	170.266	6 646 750	
in racially-ethnically mixed B# Units	4,348,808	1,129,048	108,420	660,117	170,366	6,616,739	292,539
Youth in 4-H units not- C# Youth integrated in racially-ethnically		73,451	7,564	34,410	7,145	1,103,041	
mixed communities D# Units	66,300	10,309	3,140	2,817	245		82,811
Youth in 4-H units non- E# Youth racially-ethnically mixed	380,214	37,965	2,006	47,026	889	468,100	
<b>communities</b> F# Units	24,300	5,541	963	1,789	179		32,772
Youth in 4-H individual study/ G# Youth mentoring/family learning	46,879	8,601	582	2,923	4,647	63,632	
programs							
Youth in 4-H instructional TV H# Youth	24,254	3,411	234	1,287	567	29,753	
TOTAL (duplications not I# Youth eliminated)	5,980,626	1,252,476	118,806	745,763	183,614	8,281,285	
TOTAL *(duplications J# Youth eliminated)	4,773,580	1,058,872	95,755	672,023	151,792	6,752,148	
K# Units	320,277	53,935	5,018	23,244	5,526		408,122

Each youth may be counted in only one racial-ethnic column. In the body of the table, since youth may take part in several Units or delivery modes, they may be counted on each row which describes that Unit or participation.

Duplications Not Eliminated: Total numbers of youth which appear in that column, even though some are counted more than once.

\* Duplications Eliminated: Actual number of different individuals, with each counted only once.

### 4-H VOLUNTEER SERVICE BY RACE AND CLASSIFICATION OF SERVICE

14. ADULT VOLUNTEERS		White, not of Hispanic origin	Black, not of Hispanic origin	American Indian or Alaskan Native	Hispanic	Asian or Pacific Islander	TOTALS by Volunteer Type
4-H DIRECT	A. Male	110,486	5,505	784	4,270	1,813	122,858
VOLUNTEER	B. Female	276,339	17,434	1,825	10,734	2,883	309,215
4-H INDIRECT	C. Male	52,840	2,966	388	1,488	486	58,168
VOLUNTEER	D. Female	78,304	5,885	606	2,127	553	87,475
4-H MIDDLE	E. Male	6,594	155	16	48	28	6,841
MANAGER	F. Female	13,824	382	43	157	40	14,446
TOTAL (duplications	G. Male	169,920	8,626	1,188	5,806	2,327	187,867
not eliminated)	H. Female	368,467	23,701	2,474	13,018	3,476	411,136
TOTAL *(duplications	I. Male	141,799	7,063	992	4,338	1,543	155,735
eliminated)	J. Female	305,036	19,491	2,101	10,141	2,648	339,417

15. YOUTH VOLUNTEERS		White, not of Hispanic origin	Black, not of Hispanic origin	American Indian or Alaskan Native	Hispanic	Asian or Pacific Islander	TOTALS by Volunteer Type
4-H DIRECT	A. Male	47,896	3,588	655	4,827	1,405	58,371
VOLUNTEER	B. Female	72,833	4,988	970	5,483	2,113	86,387
4-H INDIRECT	C. Male	10,618	1,685	204	515	1,251	14,273
VOLUNTEER	D. Female	15,082	2,307	253	589	1,225	19,456
4-H MIDDLE	E. Male	3,201	119	13	60	20	3,413
MANAGER	F. Female	4,595	238	14	76	20	4,943
TOTAL (duplications	G. Male	61,715	5,392	872	5,402	2,676	76,057
not eliminated)	H. Female	92,510	7,533	1,237	6,148	3,358	110,786
TOTAL *(duplications	I. Male	49,196	4,252	723	3,589	1,771	59,531
eliminated)	J. Female	70,569	5,854	1,022	4,464	1,986	83,895

4-H Volunteer - Any adult or youth recognized by Extension as giving service to the 4-H program without salary or wages from Extension.

**Direct Volunteer -** Unpaid support for the 4-H program through face to face contact with youth, by a youth or adult. e.g.: project leader, club leader, camp counselor, teacher.

Indirect Volunteer - Unpaid support for the 4-H program by a youth or adult which does not include face-to-face contact with youth. e.g.: boards, committees.

Middle Managers - Unpaid service to or leadership of other volunteers by a youth or adult, beyond the club or unit level.

**Duplications Not Eliminated -** Include each volunteer in a race x sex blank for each classification of service which they have performed in the reporting year.

\*Duplications Eliminated - Include each individual in only one race x sex blank. The "Duplications Eliminated" total is the actual number of different individuals who performed volunteer service for 4-H during the year.

Racial Ethnic Classification - This information is requested only to gather statistics and determine compliance with Civil Rights Laws. See the explanation in the Definitions section.

### 16. NUMBERS OF ADULTS AND YOUTH VOLUNTEERS TRAINED THROUGH 4-H(during the reporting year)

(Do not include in this chart training of youth volunteers which has been reported under the curriculum classification in item 17.)	YOUTH VOLUNTEERS	ADULT VOLUNTEERS	OTHER ADULTS
Leadership - topics relating to organizing, managing and teaching youth in a nonformal education setting.	86.913	114.253	26.803
B. Parenting - knowledge and skills relating to developmental and learning needs of children and youth.	4.692	21,211	13.643
C. Other - any training topic beyond the two listed above.	52.255	55.446	16.474
D. TOTALS	80,709	126,481	30,710

### 17. 4-H CURRICULUM CLASSIFICATION

Record the number of youth participants in 4-H subjects/projects/learning experiences. Youth may participate in more than one of the subject-matters listed below and should be counted each time. Include all youth enrolled in Extension sponsored educational efforts, whether or not they carry the label "4-H". For example, include all TV series, 1890 programs, youth urban gardening, youth EFNEP participants, camps, and targeted Youth at Risk programs.

Specific State or local projects should be incorporated into the categories that most accurately reflect educational work being done in Extension 4-H Youth Programs. Each State or county may report in the "Youth Enrolled" blanks below at any appropriate level of specificity. e.g.: If a project is a general introduction to Plants and Animals, it would be coded "G". If it deals with all animals, it would be coded "GB". If it is specific to Beef, "GBB". If the project deals with an animal species not specifically listed, e.g. Llamas, report it under Animals, "GB". There are no "other" categories. States and counties may use an (optional) character of the curriculum classification to collect more specific information on project year, etc., although this information will not be included in a report to USDA.

Use "Subtotal" blanks below to show the numbers of enrollments in each major (single letter) category. Total all single letter categories in the "Grand Total Enrollments" on page 12.

CODE	(optional)	CURRICULUM CATEGORY	YOUTH ENROLLED	SUBTOTALS
Α		CITIZENSHIP AND CIVIC EDUCATION	27.583	511,165
AB		Citizenship (local, state, national)	264.235	
AC		Cultural Education (including heritage, diversity, exchanges)	99,303	
AD		Global Education (including international exchanges, if enrolled)	53.935	
AE		Intergenerational Programming	18,619	
AF		Understanding Physical and Mental Limitations	6.015	
AG		Volunteerism	64.898	
AH		Service Learning	92.340	
Al		Community Service	75,283	
В		COMMUNICATIONS AND EXPRESSIVE ARTS	51.896	604.226
BA		Communication Arts	70.759	
BAA		Speaking/Radio/TV	236,325	
BAB		Writing/Print	22,461	
BB		Performing Arts	53.346	
BBA		Clowning/Mime	10.232	
BBB		Dance/Movement	7.903	
BBC		Drama/Theater	18.755	
BBD		Music/Sound	20.728	
ВС		Visual Arts	45.539	
BCA		Arts and Crafts	290,752	
BCB		Drawing, Painting, Sculpture	44.817	
BCC		Graphic Arts, Displays, Exhibits	31,023	
BCD		Photography, Video	153.843	
С		CONSUMER AND FAMILY SCIENCES	15.000	341.579
CA		Child Development, Child Care, Babysitting	134.626	
СВ		Clothing and Textiles		

CODE	(optional)	CURRICULUM CATEGORY	YOUTH ENROLLED	SUBTOTALS
CC		Consumer Education	84,450	
CD		Home Environment	57,776	
CE		Parenting and Family Life Education	48,208	
D		ENVIRONMENTAL EDUCATION AND EARTH SCIENCES	105,119	986,186
DA		Environmental Stewardship (general)	228,989	2
DB		Earth, Water, and Air	42,818	
DBA		Geology and Minerals	17,170	
DBB		Weather and Climate	22,150	
DBC		Soils and Soil Conservation	35,108	
DBD		Water	120.155	
DC		Energy (general, home, farm, transportation)	20,526	
DD		Forests, Rangeland, and Wildlife	36,966	
DDA		Forestry	105,089	
DDB		Range Science	7.924	
DDC		Wildlife and Fisheries	220,414	
DE		Outdoor Education/Recreation	121,524	
DEA		Adventure/Challenge	69,194	
DEB		Shooting Sports	128,150	
DF		Waste Management	8,399	
DFA		Composting	16,276	
DFB		Recycling	46,646	
DFC		Household Hazardous Waste	2.194	
E		HEALTHY LIFESTYLE EDUCATION	35,353	1 240 601
EA		Chemical Health	43.597	1,340,601
EB		Mental and Emotional Health	· · ·	
EC		Foods and Nutrition	52,029	
ECA		EFNEP	827,673	
ECB		Foods Safety	398,073	
ECC		Foods Preservation	57,607	
ED		Physical Health	39,793	
EDA		Fitness and Sports	58,881	
EDB		Growth, Development and Disease	98,332	
EDC		Home Nursing, First Aid/CPR	49,651	
EDD		Sexual Health	19,812	
EE			10,436	
EEA		Safety ATV Safety	174,824	
EEB		Art V Safety  Automotive Safety (including seat belts, etc)	10,488	
EEC		Bicycle Safety	41,234	
EED			94,916	
		Communities for Child Safety	14,916	
EEE		Emergency Preparedness	21,257	
EEF		Tractor and Machinery Safety Certification	19,540	
F		PERSONAL DEVELOPMENT AND LEADERSHIP	178,567	1,371,172
FA		Career Exploration and Employability	100,408	
FB		Critical thinking Skills	154,269	
FC		Economics, Business and Marketing	27,049	
FD		Introductory 4-H Projects (for participants 5-8 years old)	356,214	
FE_		Hobbies and Collections	29,741	
FF		Leadership Skills Development	365,505	
FG		Leisure Education (general)	127,721	
FH		Personal Development (general)	428,528	
FI		Reading Literacy	24,596	

CODE	(optional)	CURRICULUM CATEGORY	YOUTH ENROLLED	SUBTOTALS
FJ		Social Recreation Skills	47,141	
FK		Values Clarification	99,056	
G		PLANTS AND ANIMALS (applied bio. sciences, production, and pets)	20,287	2,094,838
GA		AG in the Classroom	824,159	
GB		Animals	107,191	
GBA		Aquaculture	15,227	
GBB		Beef	168,923	
GBC		Birds and Poultry (caged birds, chickens, pigeons, waterfowl)	93,739	
GBD		Cats	43,295	
GBE		Dogs	122,645	
GBF		Dairy Cattle	186,085	
GBG		Goats (dairy, hair, meat)	60,124	
GBH		Horse & Pony	256,207	
GBI		Rabbits/Cavies	103,425	
GBJ		Sheep	117,760	
GBK		Small Animals/Pocket Pets/Lab Animals	45,537	
GBL		Swine	163,111	
GC		Plants	90,882	
GCA		Crops/Weeds	45,350	
GCB		Flower Gardening/House Plants	81,498	
GCC		Gardens - Fruit/Vegetables	158,413	
GCD		Ornamental Horticulture	118,042	
H		SCIENCE AND TECHNOLOGY	5,977	855,253
HAA HAA		Science/Technology Literacy SERIES (specific program)	19,469	
			14,160	
HAB		31.7.020	2,402	
HBA		Biological Sciences Animal Science	67,226	
HBB		Aquatic Science	64,132	
НВС		Entomology and Bees	23,237	
HBD		Food Science	80,567	
HBE		Marine Science	22,329	
HBF		Meat Science	31,395	
HBG		Plant Science	7,545	
HBH		Poultry Science and Embryology	100,686 362,864	
HBI		Veterinary Science	71,075	
HC		Technology and Engineering	14,220	
HCA		Aerospace	122,073	
HCB		Automotive	8,914	
HCC		Bicycle	27,805	
HCD		Computer Technology	37,258	
HCE		Electric	54,858	
HCF		Electronics	7.225	
HCG		Engines, Tractors and Field Equipment	33,193	
HCH		Wood Science and Industrial Arts	95,152	
HD		Physical Sciences	2,980	
HDA		Astronomy	4,270	
HDB		Chemistry	6,083	
HDC		Mathematics	3,325	
HDD		Physics	4,080	

18. CURRICULUM ENROLLMENTS		1	٧I	H	)	S	U	В	T	o	T	Α	L	S	A		3	C		D	E	9	E.	G	) }	Н														(	G	R	7	۱	N	D	)	Ī					Ē
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